## **Amendment to the Abstract:**

The Abstract has been amended. A revised Abstract is attached.

## **ABSTRACT**

When the routing function of the present default router (11)—becomes disabled, a routing stop message is multicast to all terminals (13)—and other another router (12)—in a LAN. If another router (12)—can provide the routing function, a routing start message is multicast to all terminals (13)—and the other router (11)—in the LAN. This method allows the terminals (13) in the LAN to switch the default router at a predetermined timing according to both messages, thus minimizing the default router switching delay time and the packet loss.

Attachment

## **ABSTRACT**

When the routing function of router becomes disabled, a routing stop message is multicast to all terminals and another router in a LAN. If another router can provide the routing function, a routing start message is multicast to all terminals and the other router in the LAN. This method allows the terminals in the LAN to switch the default router at a predetermined timing according to both messages, thus minimizing the default router switching delay time and the packet loss.